LabLynx ...where science gets IT
*Equipment Specific Analysis*

# CONDITION REPORT

**Test Area (A)**

Test Area (A)

| | |
|---|---|
| ECR | LCR |
| | |

NAME: 01 Sample Point Test
DESCRIPTION:
COMPONENT:
LUBRICANT: Lube Test 01
RESERV. CAP: Not Provided
LUBE TIME: Not Provided
TEST SUITE: Test Program C MACH HRS: Not Provided

SAMPLE DATE: 08/02/2020
REC'D DATE: 08/05/2020
REPORT DATE: 4/14/2021
SPID #: 1
CNTL #: 0000021
ANALYST:
BATCH #: U200805-001

## Analyst Summary:

Routine results were obtained for this sample. The lubricant condition is acceptable.

## REPORT RATINGS:

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Sample Date | 02/29/2020 | 02/29/2020 | 07/14/2020 | 08/02/2020 | 08/02/2020 | 08/02/2020 | 08/02/2020 |
| Ratings | | | | | | | |

## VISCOSITY:

| | | | | | | | | | Limits | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Lubricant Reference* | Lower Limit | Upper Limit |
| Viscosity 40C | 54 | | 39.7 | 39.68 | 40 | 40 | 40 | 60 | 54.000 | 66.000 |
| Viscosity 100C | | | 25.3 | 25.56 | 25.25 | 25.4 | 25.3 | 10 | 9.000 | 11.000 |

## PHYSICAL/CHEMICAL PROPERTIES:

*Viscosity Index*

| | | | | | | | | Alert | Alarm |
|---|---|---|---|---|---|---|---|---|---|
| Viscosity Index | | | 589 | 591 | 585 | 587 | 585 | | |

## TRACE ELEMENTS:

| | | | | | | | | | Alert | Alarm |
|---|---|---|---|---|---|---|---|---|---|---|
| Equipment | Iron | | | 0 | 0 | | | | | |
| | Chromium | | | 0 | 0 | | | | | |
| | Aluminum | | | 0 | 0 | | | | | |
| | Copper | | | 0 | 0 | | | | | |
| | Lead | | | 0 | 0 | | | | | |
| | Tin | | | 0 | 0 | | | | | |
| | Silver | | | 0 | 0 | | | | | |
| | Nickel | | | 0 | 0 | | | | | |
| Contaminants | Silicon | | | 0 | 0 | | | | | |
| | Sodium | | | 0 | 0 | | | | | |
| | Potassium | | | 0 | 0 | | | | | |
| | Boron | | | 0 | 0 | | | | | |
| Additives | Molybdenum | | | 0 | 0 | | | | | |
| | Magnesium | | | 0 | 0 | | | | | |
| | Calcium | | | 0 | 0 | | | | | |
| | Barium | | | 0 | 0 | | | | | |
| | Phosphorus | | | 0 | 0 | | | | | |
| | Zinc | | | 0 | 0 | | | | | |
| Other | Vanadium | | | 0 | 0 | | | | | |
| | Titanium | | | 0 | 0 | | | | | |

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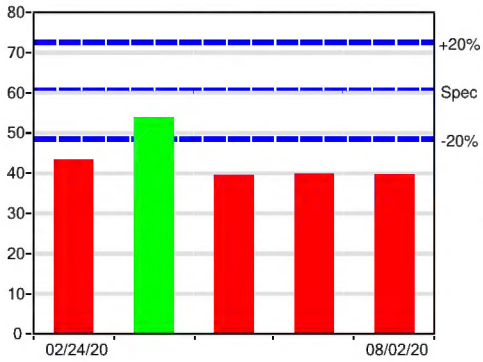
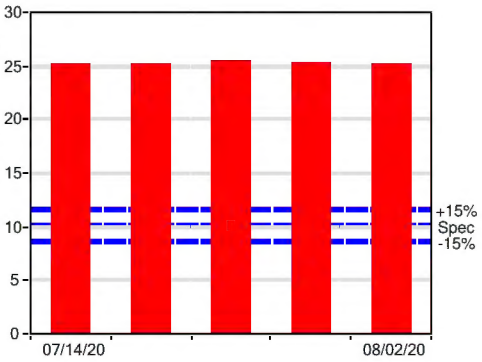
MACH HRS: Not Provided

SAMPLE DATE: 08/02/2020
REC'D DATE: 08/05/2020
REPORT DATE: 4/14/2021
SPID #: 1
CNTL #: 0000021
ANALYST:
BATCH #: U200805-001

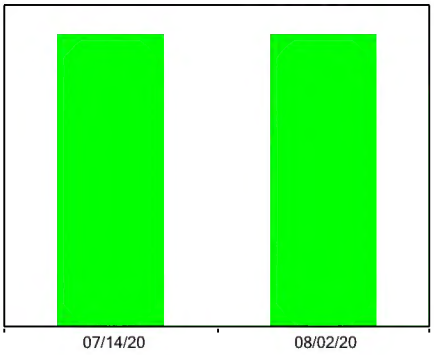
**Viscosity (Spec. 60.0cSt@40C)**



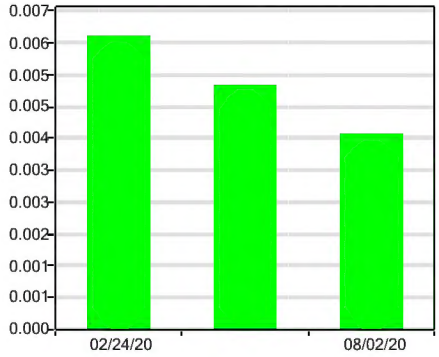

**Viscosity (Spec. 10.0cSt@100C)**



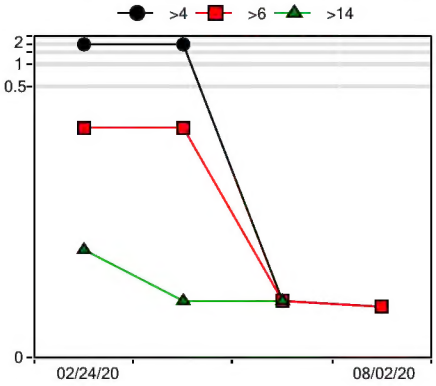

**Water KF**




**Acid No. (mg KOH)**



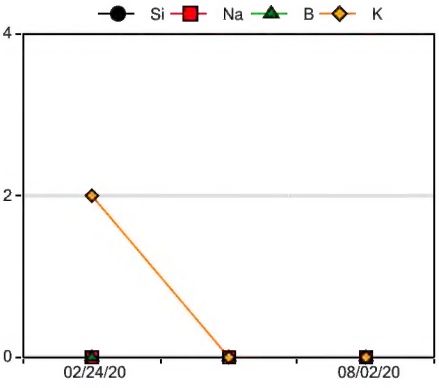

**Particle Count (particles/ml)**



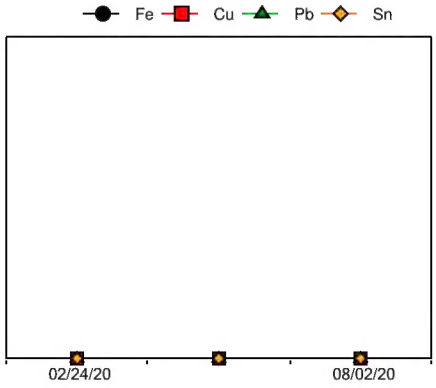

**Particle Count (p/ml)**

| Date | 02/24/20 | 02/29/20 | 07/14/20 | 08/02/20 |
|---|---|---|---|---|
| ISO PC | 21/18/12 | | 21/18/12 | 21/18/12 |
| >4um | 19306 | 19300 | 6 | 5 |
| >6um | 1398 | 1400 | 6 | 5 |
| >14um | 30 | | 6 | 6 |
| >21um | 2 | | 6 | 6 |
| >38um | 0 | | 6 | 6 |
| >70um | 0 | | 6 | 6 |

**Contaminants in ppm**




**Wear Metals in ppm**

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